FUJITSU

DATASHEET

LIFEBOOK T4310

Twist to Touch

Issue: December 2009

LIFEBOOK T4310

The LIFEBOOK T4310 offers all the benefits of an ultraportable convertible with multitple touch capability. Scroll through documents, zoom into graphics or move files and folders – all with your fingertip. Working with a notebook has never been more intuitive and easier. Enjoy the advantages of flexible pen based data input. Like handwriting recognition and lots of additional features, that only a convertible notebook offers. In addition the LIFEBOOK T4310 offers best connectivity with embedded 3G/UMTS, highest reliability and ultimate security with Computrace® enabled BIOS. Enhance your flexibility on the move with the modular bay and back up your data on a second hard disk drive or stay productive with the second battery.

Pen- or finger-based work without any restrictions

Either as notebook or TabletPC, comfortable working in any situation.

- Bi-directional rotatable, tiltable 30.7 cm (12.1-inch) dual digitizer display with multitple touch capability

Flexible working

Increase your productivity and adapt the notebook to your particular way of work.

- Modular bay for an optional second hard disk or second battery

Maximum connectivity

Stay connected wherever you are; wireless connectivity anytime anywhere, even if there is no hotspot nearby.

- Optional integrated 3G/UMTS, WLAN and Bluetooth

Maximum security

Protect your most valuable asset – your data.

- Computrace® enabled BIOS and fingerprint sensor

Ergonomic working

Automatical adaption of the brightness of your display to your working environment.

- Ambient Light Sensor (ALS)

SIERRA WIRELESS EMPOWERED

Components

Processor	Intel® Pentium® processor T4400 (2.20 GHz, 1 MB, 800 MHz)
	Intel® Core™2 Duo processor T6600 (2.20 GHz, 2 MB, 800 MHz)
	Intel® Core™2 Duo processor P8700 (2.53 GHz, 3 MB, 1066 MHz)
	Intel® Celeron® processor 900 (2.20 GHz, 1 MB, 800 MHz)
Memory modules	4 GB (1 module(s) 4 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
	2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
	1 GB (1 module(s) 1 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
Hard disk drives (internal)	320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	320 GB, 5400 rpm, FDE, 2.5-inch S.M.A.R.T.
	160 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T.
	160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	128 GB SSD SATA, 2.5-inch S.M.A.R.T.
	64 GB SSD SATA, 2.5-inch S.M.A.R.T.
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software
Display	30.7 cm (12.1-inch) TFT 1280 x 800 pixel (WXGA) LED non-glare display
WLAN (optional)	Atheros Minicard b/g/n
	Intel® Wireless WiFi Link 5300 AGN 11/13ch
UMTS/HSUPA (optional)	Sierra Wireless Gobi 2000 (downlink 7.2 MBit/s, uplink 5.76 MBit/s)
Bluetooth (optional)	Bluetooth 2.1
Modular bay options	2nd battery
	2nd hard disk drive
	DVD Super Multi
	Weight saver

Base unit	**LIFEBOOK T4310**
General system information	
Chipset	Intel® GM45, ICH 9-M
BIOS features	BIOS Flash EPROM BIOS based on Phoenix TrustedCore Notebook
Memory slots	2 DIMM
Supported capacity RAM (max.)	4 GB
Memory notes	8 GB - with future memory modules.
Interfaces	
Memory card slots	1 (SD/MMC/MS/MSPro/XD)
ExpressCard slots	1
SIM card slot	1
USB 2.0 total	3
FireWire (IEEE1394)	1
VGA	1
HDMI	1
Audio: line-in / microphone	1
Audio: line-out / headphone	1
Internal microphones	2
Kensington Lock support	1
Wired communication	
LAN	Built-in 10/100/1000 MBit/s Broadcom BCM57780
Wireless technologies	
Antennas	3 Dual band WLAN antennas, 2 UMTS antennas, 1 Bluetooth
WLAN notes	Import and usage according to country-specific regulations.
UMTS	Optional

Keyboard and pointing devices	
	Spillproof keyboard
	Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm
	Touchpad with two mouse buttons and one scroll button Fingerprint sensor Launch keys Status LED Application buttons Tablet Pen Touch-screen
Multimedia	
Audio type	On board
Audio codec	Realtek ALC269
Audio features	Stereo speakers, 2 internal microphones
Camera	Optional: Built-in webcam, 1.3 megapixel
Graphics	
Display notes	LED WXGA Display
Max. resolution external display	1920 x 1200 / true color / 85 Hz
Graphics brand name	Intel® HD Graphics
Graphics features	DualView (Windows XP & Windows Vista)
Power supply	
AC adapter	19 V / 80 W (4.22 A)
Rated voltage range	100 - 240 V (AC Input)
Rated frequency range	50 - 60 Hz
1st battery	1st Li-Ion battery 6-cell, 5200 mAh, 56.16 Wh
2nd battery (optional)	Li-Ion, 3800 mAh, 41 Wh
Benchmark	Mobile Mark 2005
Runtime 1st battery	5 h
Runtime 1st + 2nd battery	8 h
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
Power consumption	
Power consumption note	see white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=006633ec-e474-4e17-ac80-ed9b77fe704c
Dimensions / Weight / Environmental	
Dimension (W x D x H)	297 x 233 x 36.4 (without foot)
Weight	1.79 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 85 % (running)
Operating system	
Operating system optional preinstalled	Microsoft® Windows Vista® Home Premium Microsoft® Windows® 7 Home Premium 64-bit
Operating system notes	Driver support for Microsoft® Windows® XP
Additional Software	
Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Camera Drivers & Utilities DVD (DUDVD) Microsoft® Office Ready (Trial) Nero Essentials (burning software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Bluetooth Stack (only with Windows Vista® or Windows® XP operating systems) EasyGuide online user documentation Tablet Button Utility Microsoft® Touch Pack for Windows® 7

Additional Software	
Additional software (optional)	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) DVD playback software Recovery DVD (Windows® 7)
Manageability	
Manageability features	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
Manageability type	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Supported standards	WMI PXE BootP (made4you)
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html
Security	
Physical security	Kensington Lock support
System security	Computrace® enabled BIOS Symantec Norton Internet Security (90 day test version) Write protect option for the Flash EPROM Control of all USB interfaces
User security	Integrated Fingerprint Sensor Hard disk password SmartCase Logon+ incl. Fingerprint software User and supervisor BIOS password
Compliance	
Model	LIFEBOOK T4310
Europe	CE CE! CB
USA/Canada	cUL FCC Class B
Global	Microsoft Operating Systems (HCT / HCL entry / WHQL) RoHS (Restriction of hazardous substances) WiFi certified ENERGY STAR® 5.0 WEEE (Waste electrical and electronical equipment)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx
Possible Accessories	
Accessories included	Exclusive pouch Stylus pen Stylus pen tether
Warranty	
Standard Warranty	1 year / 2 years (depending on country)
Service level	Collect & Return Service (depending on country)
Maintenance and Support Services - the perfect extension	
Recommended Service	2 years, Collect and Return Service
Spare Parts availability	3 years
Service Weblink	htttp://ts.fujitsu.com/Supportservice

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:
http://ts.fujitsu.com/aboutus
Take back and Recycling information:
http://ts.fujitsu.com/recycling

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